

gi|12311218|emb|CAC22595.1| unnamed protein product [Hirudinaria manillensis]  
Length = 488

Score = 962 bits (2486), Expect = 0.0  
Identities = 488/488 (100%), Positives = 488/488 (100%)

Query: 1 KEIAVTIDDKNVIASVSESFHGVAFDASLFSPKGPWSFVNITSPKLFKLLLEGLSPGYFRV 60  
KEIAVTIDDKNVIASVSESFHGVAFDASLFSPKGPWSFVNITSPKLFKLLLEGLSPGYFRV  
Sbjct: 1 KEIAVTIDDKNVIASVSESFHGVAFDASLFSPKGPWSFVNITSPKLFKLLLEGLSPGYFRV 60

Query: 61 GGTANWLFDFDLDENNKWKDYWAFKDKTPETATITRRWLFKQNNLKKETFDDLVKLTG 120  
GGTANWLFDFDLDENNKWKDYWAFKDKTPETATITRRWLFKQNNLKKETFDDLVKLTG  
Sbjct: 61 GGTANWLFDFDLDENNKWKDYWAFKDKTPETATITRRWLFKQNNLKKETFDDLVKLTG 120

Query: 121 SKMRLFLDLNAEVRTGYEIGKTTSTWDSSEAEKLFKYCVSKGYGDNIDWELGNEPDHTS 180  
SKMRLFLDLNAEVRTGYEIGKTTSTWDSSEAEKLFKYCVSKGYGDNIDWELGNEPDHTS  
Sbjct: 121 SKMRLFLDLNAEVRTGYEIGKTTSTWDSSEAEKLFKYCVSKGYGDNIDWELGNEPDHTS 180

Query: 181 AHNLTEKQVGEDFKALHKVLEKYPTLNKGSVPVGPVGMGVS YVKGLADGAGDLVTAFTL 240  
AHNLTEKQVGEDFKALHKVLEKYPTLNKGSVPVGPVGMGVS YVKGLADGAGDLVTAFTL  
Sbjct: 181 AHNLTEKQVGEDFKALHKVLEKYPTLNKGSVPVGPVGMGVS YVKGLADGAGDLVTAFTL 240

Query: 241 HQYYFDGNTSDVSTYLDASYFKKLQQLFDKVKDVLKNSPHKDKPLWLGETSSGCNSGTD 300  
HQYYFDGNTSDVSTYLDASYFKKLQQLFDKVKDVLKNSPHKDKPLWLGETSSGCNSGTD  
Sbjct: 241 HQYYFDGNTSDVSTYLDASYFKKLQQLFDKVKDVLKNSPHKDKPLWLGETSSGCNSGTD 300

Query: 301 VSDRYVSGFLTLDKLGSAANNVKKVIRQTIYNGYYGLLDKNTLEPNPDYWLHMHVNSLV 360  
VSDRYVSGFLTLDKLGSAANNVKKVIRQTIYNGYYGLLDKNTLEPNPDYWLHMHVNSLV  
Sbjct: 301 VSDRYVSGFLTLDKLGSAANNVKKVIRQTIYNGYYGLLDKNTLEPNPDYWLHMHVNSLV 360

Query: 361 GNTVFKVDVGDPTNKTRVYAQCTKTNSKHTQGKYYKSLTIFALNVGDEEVTLKIDQYGG 420  
GNTVFKVDVGDPTNKTRVYAQCTKTNSKHTQGKYYKSLTIFALNVGDEEVTLKIDQYGG  
Sbjct: 361 GNTVFKVDVGDPTNKTRVYAQCTKTNSKHTQGKYYKSLTIFALNVGDEEVTLKIDQYGG 420

Query: 421 KKIYSYILTPEGGQLTSQKVLNKGKELNLVSDQLPELNADESKTSFTLSPKTFGFFVSD 480  
KKIYSYILTPEGGQLTSQKVLNKGKELNLVSDQLPELNADESKTSFTLSPKTFGFFVSD  
Sbjct: 421 KKIYSYILTPEGGQLTSQKVLNKGKELNLVSDQLPELNADESKTSFTLSPKTFGFFVSD 480

Query: 481 ANVEACKK 488  
ANVEACKK  
Sbjct: 481 ANVEACKK 488

>gi|12311214|emb|CAC22593.1| unnamed protein product [Hirudinaria manillensis]  
Length = 488

Score = 905 bits (2340), Expect = 0.0  
Identities = 463/488 (94%), Positives = 471/488 (96%)

Query: 1 KEIAVTIDDKNVIASVSESFHGVAFDASLFSPKGPWSFVNITSPKLFKLLLEGLSPGYFRV 60  
KEIAVTIDDKNVIAS S SF GVAFDASLFSPKG WSFV+ITSPKLFKLLLEGLSPGYFRV  
Sbjct: 1 KEIAVTIDDKNVIASASGSFGLGVAFDASLFSPKGLWSFVDITSPKLFKLLLEGLSPGYFRV 60

Query: 61 GGTANWLFDFDLDENNKWKDYWAFKDKTPETATITRRWLFKQNNLKKETFDDLVKLTG 120  
GGTANWLFDFDLDENNKWKDYWAFKDKTPETATITRRWLFKQNNLKKETFDDLVKLTG  
Sbjct: 61 GGTANWLFDFDLDENNKWKDYWAFKDKTPETATITRRWLFKQNNLKKETFDDLVKLTG 120

Query: 121 SKMRLFLDLNAEVRTGYEIGKTTSTWDSSEAEKLFKYCVSKGYGDNIDWELGNEPDHTS 180  
SKMRLFLDLNAEVRTGYEIGK TSTWDSSEAEKLFKYCVSKGYGDNIDWELGNEPDHTS  
Sbjct: 121 SKMRLFLDLNAEVRTGYEIGKMTSTWDSSEAEKLFKYCVSKGYGDNIDWELGNEPDHTS 180

Query: 181 AHNLTEKQVGEDFKALHKVLEKYPTLNKGSVPVGPVGMGVS YVKGLADGAGDLVTAFTL 240  
AHNLTEKQVGEDFKALHKVLEKYPTLNKGS VGPVGMGVS VKGLAD AGD VTAFTL  
Sbjct: 181 AHNLTEKQVGEDFKALHKVLEKYPTLNKGS LVPVGMGVSXVKGLADEAGDHVTAFTL 240


Query: 241 HQYYFDGNTSDVSTYLDASYFKKLQQLFDKVKDVLKNSPHKDKPLWLGETSSGCNSGTD 300  
HQYYFDGNTSDVS YLDA+YFKKLQQLFDKVKDVLK+SPHKD+PLWLGETSSG NSGT+D  
Sbjct: 241 HQYYFDGNTSDVSIYLDATYFKKLQQLFDKVKDVLKDSPHKDEPLWLGETSSGYNSGTED 300

Query: 301 VSDRYVSGFLTLDKLGLSAANNVKVIRQTIYNGYYGLLDKNTLEPNPDYWLMHVHNSLV 360  
 VSDRYVSGFLTLDKLGLSAANNVKVIRQTIYNGYYGLLDKNTLEPNPDYWLMHVHNSLV  
 Sbjct: 301 VSDRYVSGFLTLDKLGLSAANNVKVIRQTIYNGYYGLLDKNTLEPNPDYWLMHVHNSLV 360

Query: 361 GNTVFKVDVGDPTNKTRVYAQCTKTNSKHTQGKYYKGSALTIFALNVGDEEVTLKIDQYGG 420  
 GNTVFKVDV DPTNK RVYAQCTKTNSKHTQ +YYKGSALTIFALNVGD +VTLKI QY G  
 Sbjct: 361 GNTVFKVDVSDPTNKARVYAQCTKTNSKHTQSRYKGSALTIFALNVGDGDVTLKIGQYSG 420

Query: 421 KKIYSYILTPEGGQLTSQKVLLNGKELNLVSDQLPELNADESKTSFTLSPKTFGFFVVS 480  
 KKIYSYILTPEGGQLTSQKVLLNGKELNLVSDQLPELNADESKTSFTLSPKTFGFFVVS  
 Sbjct: 421 KKIYSYILTPEGGQLTSQKVLLNGKELNLVSDQLPELNADESKTSFTLSPKTFGFFVVS 480

Query: 481 ANVEACKK 488  
 ANVEACKK  
 Sbjct: 481 ANVEACKK 488

 >gi|12311216|emb|CAC22594.1| unnamed protein product [Hirudinaria manillensis]  
 Length = 488

Score = 904 bits (2337), Expect = 0.0  
 Identities = 462/488 (94%), Positives = 471/488 (96%)

Query: 1 KEIAVTIDDKNVIASVSESFHGVAFDASLFSPKGPWSFVNITSPKLFKLEGLSPGYFRV 60  
 KEIAVTIDDKNVIAS SESFHGVAFDASLFSPKG WSFV+ITSPKLFKLEGLSPGYFRV  
 Sbjct: 1 KEIAVTIDDKNVIASASESFHGVAFDASLFSPKGLWSFVDITSPKLFKLEGLSPGYFRV 60

Query: 61 GGTFFANLFFDLDENNKWKDYWAFKDKTPETATITRRWLFRKQNNLKKETFDDLVLKLTG 120  
 GGTFFAN LFFDLDENNKWKDYWAFKDKTPETATITRRWLFRKQNNLKKETF+LVKLTKG  
 Sbjct: 61 GGTFFANLFFDLDENNKWKDYWAFKDKTPETATITRRWLFRKQNNLKKETF+LVKLTKG 120

Query: 121 SKMRLFLDLNAEVRTGYEIGKKTSTWDSSEAEKLFKYCVSKGYGDNIDWELGNEPDHTS 180  
 SKMRLFLDLNAEVRTGYEIGKK TSTWDSSEAEKLFKYCVSKGYGDNIDWELGN PDHTS  
 Sbjct: 121 SKMRLFLDLNAEVRTGYEIGKMTSTWDSSEAEKLFKYCVSKGYGDNIDWELGNGPDHTS 180

Query: 181 AHNLTEKQVGEDFKALHKVLEKYPTLNKGSVPVGDVGWGMVSYVKGLADGAGDLVTAFTL 240  
 AHNLTEKQVGEDFKALHKVLEKYPTLNKGS VGPVGDVGWGMVSYVKGLAD AGD VTAFTL  
 Sbjct: 181 AHNLTEKQVGEDFKALHKVLEKYPTLNKGSVGPVGDVGWGMVSYVKGLADEAGDHVTAFTL 240

Query: 241 HQYYFDGNTSDVSTYLDASYFKKLQQLFDKVKDVLKNSPHKDKPLWLGETSSGCNSGSKD 300  
 HQYYFDGNTSDVS YLDA+YFKKLQQLFDKVKDVLK+SPHKDKPLWLGETSSG NSGT+D  
 Sbjct: 241 HQYYFDGNTSDVSIYLDATYFKKLQQLFDKVKDVLKDSPHKDKPLWLGETSSGYNSGTED 300

Query: 301 VSDRYVSGFLTLDKLGLSAANNVKVIRQTIYNGYYGLLDKNTLEPNPDYWLMHVHNSLV 360  
 VSDRYVSGFLTLDKLGLSAANNVKVIRQTIY+GYG LDKNTLEPNPDYWLMHVHNSLV  
 Sbjct: 301 VSDRYVSGFLTLDKLGLSAANNVKVIRQTIYSGYYGPLDKNTLEPNPDYWLMHVHNSLV 360

Query: 361 GNTVFKVDVGDPTNKTRVYAQCTKTNSKHTQGKYYKGSALTIFALNVGDEEVTLKIDQYGG 420  
 GNTVFKVDV DPTNK RVYAQCTKTNSKHTQ +YYKGSALTIFALNVGDE+VTLKI QY G  
 Sbjct: 361 GNTVFKVDVSDPTNKARVYAQCTKTNSKHTQSRYKGSALTIFALNVGDE+VTLKI QY G 420

Query: 421 KKIYSYILTPEGGQLTSQKVLLNGKELNLVSDQLPELNADESKTSFTLSPKTFGFFVVS 480  
 KKIYSYILTPEGGQLTSQKVLLNGKELNL SDQLP+LNADESKTSFTLSPKTFGFFVVS  
 Sbjct: 421 KKIYSYILTPEGGQLTSQKVLLNGKELNLXSDQLPQLNADESKTSFTLSPKTFGFFVVS 480

Query: 481 ANVEACKK 488  
 ANVEACKK  
 Sbjct: 481 ANVEACKK 488